Bruhat Bangalore Mahanagara Palike
Excecutive Engineer Yelahanka Project Division

Name of Work: Improvements to footpath and Roads in ward no. 07

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
1	**Removing & Refixing stone slabs** of drains and pointing in C.M (1:3) (Page No 27., I.No.5.33 of KPWD S.R 2018-19).								
	Basic rate	105.00							
	6% AW	6.30							
	Sub Total	111.30							
	Top Slabs								
	Amruthahalli Mn Rd								
	Cross Road -1	1	360.00	1.20		432.00			
						432.00			
	Deduct 10% damaged/missing					43.20			
						388.80	**Sqm**	**111.30**	**43,273.44**
2	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. **Earthwork excavation by manual means** in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P.No-143, I.No-19.1)								
	Basic rate	130.00							
	Area weightage 6%	7.80							
	Sub total	137.80							
	Loading and unloading with Lead 5 km	**69.80**							
	Total	**207.60**							
	Desilting								
	Amruthahalli Mn Rd								
	Cross Road -1	1	360.00	0.70	0.80	201.60			
	Debris	1	30.00	3.00	0.55	49.50			
						251.10	**Cum**	**207.60**	**52,128.36**
3	Providing and fixing **RCC Precast cover slab of 100mm thick** for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
	Data rate	2337.00							
	from item no.01					43.20			
						43.20	**Sqm**	**2337.00**	**100958.40**
4	KSRRB M2100-10. Providing and laying **Plain cement concrete of mix 1:3:6** with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18)								

Sl	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Basic rate	5115.00							
	6% AW	306.90							
	Sub Total	**5421.90**							
	Amruthahalli Mn Rd								
	Concrete Platform	1	20.00	2.00	0.15	6.00			
						6.00	**Cum**	**5421.90**	**32,531.40**
5	KSRB 4-1.6 ; Providing and laying in position **plain cement concrete of Mix 1:2:4** with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No-13,I No-4.6)								
	Basic rate	5422.00							
	6% AW	325.32							
	Sub Total	5747.32							
	Amruthahalli Mn Rd								
	For Vent concrete								
	Cross Road -1	1	360.00	0.70	0.15	37.80			
	For Coping								
	Cross Road -1	2	360.00	0.40	0.10	28.80			
	Concrete Platform	1	20.00	2.00	0.10	4.00			
						70.60	**Cum**	**5747.32**	**405760.79**
6	Providing and fixing **pre cast solid cement concrete kerb stones** made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. As per the direction of Engineer incharge. (P.No.27, I.No.5.30 of PW, P&IWTD SR 2018-19)								
	Basic rate	408.00							
	6% AW	24.48							
	Sub Total	432.48							
	Amruthahalli Mn Rd								
	missing kerbs								
		50				50.00			
						50.00	**Nos**	**432.48**	**21,624.00**
7	**Painting two coats** after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Specification No. KSRRB M800-6. (P.No.180, I.No.24.1 of PW, P&IWTD SR 2018-19)								
	Basic rate	80.00							
	6% AW	4.80							
	Sub Total	84.80							
	Amruthahalli Mn Rd								
	Kerb paint	1	360.00		0.30	108.00			
						108.00	**Sqm**	**84.80**	**9,158.40**

Sl	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
8	Providing and fixing M.S.grill work for windows and ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM complete as per specifications. (P.No.180, I.No. 7.9 of PW, P&IWTD SR 2018-19)								
	Basic rate	95.00							
	6% AW	5.70							
	Sub Total	100.70							
	Amruthahalli Wd No								
	Gratings	18	0.30		0.30	1.62			
	12kg/sqm					34.02			
						34.02	**Kgs**	**100.70**	**3,425.81**
								Total Construction Cost	**668860.61**
								12% GST	**80,263.27**
								Sub Total	**749123.88**
								Miscellaneous & Rounding off	**876.12**
								GRAND TOTAL	**750000.00**

Certificate:

1) The estimate was inspected and works is found to be necessary.
2) The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3) The rates adopted based on the PWD SR,Bangalore circle for year 2018-2019, Data Rates and issue rate Dated 01-01-2020

Assistant Engineer
Yelahanka Project Division
BBMP Bangalore

Asst. Executive Engineer,
Yelahanka Project Division
BBMP Bangalore

Executive Engineer,
Yelahanka Project Division
BBMP Bangalore

Administrative Approval
Accorded For Rs.7.50 lakhs only
Head of A/C P-3296
CER NO : 63 Dt: 07/03/2020
E.E. (Project) 7/3

Technical Sanction
Accorded For Rs.7.50 lakhs
Head of A/C P-3296
CER NO : 25 Dt: 07/03/2020
E.E. (Project) 7/3